

INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)			ATTY. DOCKET NO. 50179-096		SERIAL NO. 09/936216		
			APPLICANT David J. DALL				
			FILING DATE September 10, 2001		GROUP		
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	WO 93/25666	Dec. 23, 1993	PCT International Application	C12N	7/01		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Mitsuhashi, Et Al., "The Spindles Of An Entomopoxvirus of Coleoptera (Anomala Cuprea) Strongly Enhance the Ineffectivity of a Nucleopolyhedrovirus in Lepidoptera (Bombyx Mori), Journal Of Invertebrate Pathology, Vol. 71, 1998, P.P. 186-188.						
	Tomita, Et Al. "Serological Relationship Between Inclusion Body Proteins and a Virus Enhancing Factor Of An Entomopoxvirus," Appl. Entomol Zool., Vol. 33(2), 1998, P.P. 277-280.						
	Xu and Hukuhara, "Enhanced Infection Of a Nuclear Polyhedrosis Virus in Larvae Of The Armyworm, Pseudaletia Separata, By a factor In The Spherioids Of An Entomopoxvirus," Journal of Invertebrae Pathology, Vol. 60, 1992, PP. 259-264.						
	Dall, Et Al. " A Gene Encoding A Highly Expressed Spindle Body Protein Of Heliothis Armigera Entomopoxvirus," Journal of General Virology, Vol. 74, 1993, PP. 1811-1818.						
	Xu and Hukuhara, "Biochemical Properties Of An Enhancing Factor Of An Entomopoxvirus," Journal Of Invertebrae Pathology, Vol. 63, 1994, PP. 14-18.						
	Chemical Abstracts Online Accession No. 125:295128, Kagaku to Seibutsu, Vol. 34(9), 1996, Hayakawa and Takahiko, " Glycoprotein Promoting Infection By Insect Virus," PP. 562-564.						
	Hayakawa, Et Al., "Cloning and Sequencing Of the Gene For An Enhancing Factor From Pseudaletia Separata Entomopoxvirus," Gene, Vol. 177, 1996, PP. 269-270.						
	Gauthier, Et Al., The Melolontha Melolontha Entomopoxvirus (MmEPV) Fusolin Is Related To The Fusolins of Lepidopteran EPVs and to the 37K Baculovirus Glycoprotein," Virology, Vol. 208, 1995, PP. 427-436.						
EXAMINER 			DATE CONSIDERED 8/2/04				

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 ATTY. DOCKET NO.  
**50179-096**

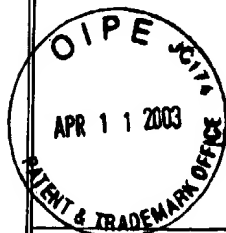
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## FOREIGN PATENT DOCUMENTS

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						Yes	No
AM	WO 97/12906	04/10/1997	International	C07K	14/065	-	-
AM	0 596 508	05/11/1994	European	C07K	15/00	-	-

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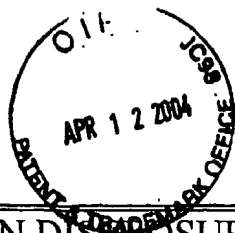
AM	HUKUHARA TOSHIKO ET AL: "Increased baculovirus susceptibility of armyworm larvae feeding on transgenic rice plants expressing an entomopoxvirus gene." NATURE BIOTECHNOLOGY, vol. 17, no. 11, November 1999 pages 1122-1124, XP002231409

EXAMINER

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EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
Am		WO 00/36128 A	06/22/2000	THE UNIVERSITY OF YORK	CLASS SUB- C12N 15/32 CLASS	x	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Am		LEBORGNE-CASTLE, Nathalie et al., "Overexpression of BIP in tobacco alleviates endoplasmic reticulum stress," Plant Cell, American Society of Plant Physiologists, Vol. 11, no. 3, March 1999 pp. 459-469, XP002137298, ISSN: 1040-4651

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered.  
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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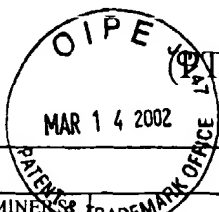
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						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Am	Jean R. Adams et al., Histopathology of the Almond Moth, <i>Cadra cautella</i> , Infected with a Nuclear-Polyhedrosis Virus, Journal of Invertebrate Pathology 12, pp. 269-274, (1968)
Am	Bernard Moss, Chapter 83, "Poxviridae: The Viruses and Their Replication, Fields Virology, Third Edition, pp. 2637-2671.
Am	R.H. Goodwin et al., Chapter 8, "ENTOMOPOXVIRINAE", Atlas of Invertebrate Viruses, 1991, pp. 259-285.
	<del>Jean R. Adams et al., Chapter 6, "BACULOVIRIDAE NUCLEAR POLYHEDROSIS VIRUSES", Atlas of Invertebrate Viruses, pp. 87-204.</del>
	<del>F.A. Murphy et al., "Virus Taxonomy, Classification and Nomenclature of Viruses", Sixth Report of the International Committee on Taxonomy of Viruses, pp. 79-113.</del>
Am	C.H. Ahrens et al., "The Sequence of the <i>Orgyia pseudotsugata</i> Multinucleocapsid Nuclear Polyhedrosis Virus Genome", Virology 229, pp. 381-399, (1997).
Am	Basil M. Arif, Review Article, "Recent advances in the molecular biology of entomopoxviruses", Journal of General Virology, (1995), 76, pp. 1-13.
Am	Martin D. Ayres et al., "The Complete DNA Sequence of <i>Autographa californica</i> Nuclear Polyhedrosis Virus", Virology 202, pp. 586-605, (1994).
Am	John C. Cunningham, "An ultrastructural study of the development of a nuclear polyhedrosis virus of the eastern hemlock looper, <i>Lambdina fiscellaria fiscellaria</i> ", Insect Pathology Research Institute, Department of Fisheries and Forestry, June 22, 1970, pp. 69-72.
EXAMINER	DATE CONSIDERED
Am	8/2/04

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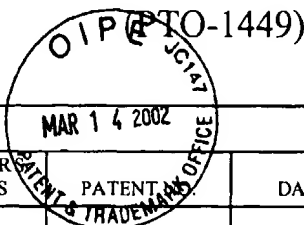
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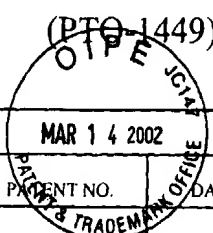
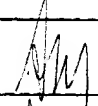
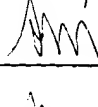
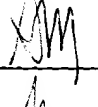
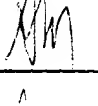
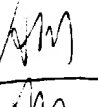
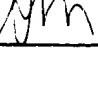
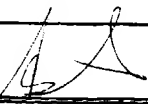
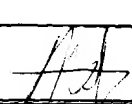
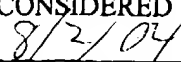
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Carol A. Fernon et al., "Replication of <i>Heliothis armigera</i> Entomopoxvirus <i>in Vitro</i> ", Journal of Invertebrate Pathology 66, pp. 216-223, (1995).
	Sumiko Gomi et al., "Sequence analysis of the genome of Bombyx mori nucleopolyhedrovirus", Journal of General Virology, (1999), pp. 1323-1337.
	Christian H. Gross et al., "A37-Kilodalton Glycoprotein from a Baculovirus of <i>Orgyia pseudotsugata</i> Is Localized to Cytoplasmic Inclusion Bodies", Journal of Virology, Jan. 1993, pp. 469-475.
	Richard L. Hall et al., "Identification, Cloning and Sequencing of a ragment of Amsacta moorei Entomopoxvirus DNA Containing the Spheroiden Gene and Three Vaccinia Virus-Related Open Reading Frames", Journal of Virology, Dec. 1991, pp. 6516-6527.
	Alois M. Huger et al., "On Spindle Shaped Cytoplasmic Inclusions Associated with a Nuclear Polyhedrosis of <i>Choristoneura murinana</i> ", July 30, 1968, pp. 461-462.
	Toshihiko Hukuhara et al., "Increased baculovirus susceptibility of armyworm larvae feeding on transgenic rice plants expressing an entomopoxvirus gene", Nature Biotechnology, Vol. 17, November 1999, pp. 1122-1124.
	John Kuzio et al., "Sequence and Analysis of the Genome of a Baculovirus Pathogenic for <i>Lymantia dispar</i> ", Virology 253, pp. 17-34, (1999).
	Joan Lai-Fook et al., "Spindle Bodies of <i>Heliothis armigera</i> Entomopoxvirus Develop in Structures Associated with Host Cell Endoplasmic Reticulum", Journal of Invertebrate Pathology 75, pp. 183-192, (2000).
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	Rebecca J. Osborne et al., "An entomopoxvirus homologue of the vaccinia virus D13L-encoded 'rifampicin resistance' protein", Journal of General Virology, (1996), 77, pp. 839-846.								
	C.G. Phanis et al., "Identification and expression of two baculovirus gp37 genes", Journal of General Virology, (1999), 80, pp. 1823-1831.								
	W.A. Smirnoff, "Rhomboidal twisted crystalloids found in the cytoplasm of nuclear-polyhedrosis infected larvae of the ugly-nest caterpillar", Canadia Journal of Microbiology, Vol. 16, 1970, pp. 906-907.								
	Algacone Sriskantha et al., "Mapping of the Heliothis armigera entomopoxvirus (HaEPV) genome, and analysis of genes encoding the HaEPV spheroidin and nucleoside triphosphate phosphohydrolase I proteins", Journal of General Virology, (1997), 78, pp. 3115-3123.								
	J. Jian Liu et al., Short Communication, "Identification, Molecular Cloning, and Transcription Analysis of the <i>Choristoneura fumiferana</i> Nuclear Polyhedrosis Virus Spindle-like Protein Gene", Virology 223, pp. 396-400 (1996).								
	Tohru Hayakawa et al., "Sequence Analysis of the Xestia c-nigrum Granulovirus Genome", Virology 262, pp. 277-297, (1999).								
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